

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/GB2005/000174

A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 A61K9/16

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 A61K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, EMBASE, BIOSIS

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002/076444 A1 (DI COSTANZO FRANCIS ET AL) 20 June 2002 (2002-06-20) paragraphs '0003!', '0004! paragraphs '0043! - '0045!; claims 1,3-5; examples 1,7,8	1-19
X	JAMEELA S R ET AL: "Progesterone-loaded chitosan microspheres: a long acting biodegradable controlled delivery system" JOURNAL OF CONTROLLED RELEASE, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL, vol. 52, no. 1-2, 2 March 1998 (1998-03-02), pages 17-24, XP004113650 ISSN: 0168-3659 page 18, right-hand column, paragraph 2 page 19, right-hand column, paragraph 2; figure 3	1-8,13, 14,16-19

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

### \* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

"E" earlier document but published on or after the international filing date

"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.

"G" document member of the same patent family

Date of the actual completion of the international search

6 July 2005

Date of mailing of the international search report

21/07/2005

Name and mailing address of the ISA

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	<p>PRADHAN R S ET AL: "FORMULATION AND IN VITRO RELEASE STUDY ON POLY (DL-LACTIDE) MICROSPHERES CONTAINING HYDROPHILIC COMPOUNDS: GLYCINE HOMOEPTIDES" JOURNAL OF CONTROLLED RELEASE, ELSEVIER SCIENCE PUBLISHERS B.V. AMSTERDAM, NL, vol. 30, no. 2, 1 May 1994 (1994-05-01), pages 143-154, XP000451918 ISSN: 0168-3659 page 144, right-hand column, line 1; table 1</p>	1-7, 12-19
X	<p>MATEOVIC T ET AL: "Influence of different droplet stabilizers on the properties of microspheres prepared by the solvent evaporation method" ACTA TECHNOLOGIAE ET LEGIS MEDICAMENTI, vol. 14, 2003, pages 53-66, XP008049338 cited in the application page 56, last paragraph - page 57, paragraph 1 page 62, lines 5-9; table 1</p>	1-4,7-19

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## Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.:  
because they relate to subject matter not required to be searched by this Authority, namely:  
  
Although claim19 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the composition.
2. ☐ Claims Nos.:  
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:  
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

## Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/GB2005/000174

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
US 2002076444 A1	20-06-2002	FR 2769853 A1	23-04-1999
		FR 2769854 A1	23-04-1999
		AU 9751298 A	10-05-1999
		CA 2287485 A1	29-04-1999
		EP 0966270 A1	29-12-1999
		WO 9920254 A1	29-04-1999
		JP 2001507044 T	29-05-2001

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